



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Applicant: Charles A. Butterfield, Jr. §
Serial No.: 10/087,513 §
Filing Date: 03/01/2002 §
For: Method, Apparatus and System §
For Remote Release of Cementing §
Plugs §

Atty Docket: Halliburton-116
HES 2000-IP-000648U1

Art Unit: 3672

Examiner: Jennifer Hawkins Gay

Assistant Commissioner for Patents
Alexandria, VA 22313-1450

HSG
E Hawkins
10/29/03
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AMENDMENT

Responsive to the Office Action mailed July 22, 2003, applicant desires to amend as follows:

In the Specification

Please amend the second full paragraph on page 15 as follows to expressly recite the reference characters U21a, 112 and 168:

A1
The upper plug 11 design is substantially equivalent to the lower plug 12 with the major distinction being that the flapper closure gate of the lower plug is equipped with a frangible disk that is not provided in the upper plug 11. The various components of the upper plug 11 have been identified with reference characters that are the same as those employed in the identification of corresponding elements of the lower plug 12 with the exception of the addition of the letter "U" for the reference characters referring to the upper plug 11. Thus, components 18, 18a, 20 and 21 in the lower plug 12 correspond to the components U18, U18a, U20 and U21, respectively in the upper plug 11. As will hereinafter be explained in greater detail, because the lower plug is first to be launched, the central opening through the upper plug 11 is greater than that of the lower plug 12.